



# FEE TRANSMITTAL for FY 2005

Effective 10/01/2005. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**180.00**

## Complete if Known

Application Number	09/730,603
Filing Date	12/07/2000
First Named Inventor	Zining WU
Examiner Name	Curtis B. Odom
Art Unit	2634
Attorney Docket No.	MP0065

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit Account

**50-1710**

Account Name

**KATTEN MUCHIN ZAVIS ROSENMAN**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge above Deposit Account with any additional fees necessary UNDER 37 CFR 1.16 AND/OR 1.17 to maintain pendency of this application.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1001 300	2001 150			Utility Filing Fee	300.00
1111 500	2111 250			Utility Search Fee	500.00
1311 200	2311 100			Patent Examination Fee	200.00
SUBTOTAL (1)					(\$) <b>0.00</b>

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee		Fee Paid
	- 20** =		X	50.00		
Independent	- 3** =		X	200.00		
Multiple Dependent				360.00		

Large Entity		Small Entity		Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1202 50	2202 25			Claims in excess of 20	
1201 200	2201 100			Independent claims in excess of 3	
1203 360	2203 180			Multiple dependent claim, if not paid	
1204 200	2204 100			** Reissue independent claims over original patent	
1205 50	2205 25			** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)**0.00**

\*\* or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity		Small Entity		Description	Fee Paid
Fee Code \$	Fee Code \$	Fee Code \$	Fee Code \$		
1051 130	2051 65			Surcharge - late filing fee or oath	
1052 50	2052 25			Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130			Non-English specification	
1812 2,520	1812 2,520			For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*			Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*			Requesting publication of SIR after Examiner action	
1251 120	2251 60			Extension for reply within first month	
1252 450	2252 225			Extension for reply within second month	
1253 1,020	2253 510			Extension for reply within third month	
1254 1,590	2254 795			Extension for reply within fourth month	
1255 2,160	2255 1,080			Extension for reply within fifth month	
1401 500	2401 250			Notice of Appeal	
1402 500	2402 250			Filing a brief in support of an appeal	
1403 1,000	2403 500			Request for oral hearing	
1451 1,510	1451 1,510			Petition to institute a public use proceeding	
1452 500	2452 250			Petition to revive - unavoidable (1.17(I))	
1453 1,500	2453 750			Petition to revive - unintentional (1.17(m))	
1501 1,400	2501 700			Utility issue fee (or reissue)	
1502 800	2502 400			Design issue fee	
1503 1,100	2503 550			Plant issue fee	
1460 130	1460 130			Petitions to the Director	
1807 50	1807 50			Processing fee - provisional app (1.17(q))	
1806 180	1806 180			Submission of Information Disclosure Stmt	180.00
8021 40	8021 40			Recording each patent assignment per property (times number of properties)	
1809 790	2809 395			Filing a submission after final rejection (1.129(a))	
1814 130	2814 65			Statutory Disclaimer	
1801 790	2801 395			Request for Continued Examination (RCE)	
1802 900	1802 900			Req for expedited examination - Design App	
Other fee (specify)					
SUBTOTAL (3)					(\$) <b>180.00</b>

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

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Telephone: (202) 625-3547

Signature:

Date: 03/04/2005



MP0065

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Zining WU, et al. ) Group Art Unit: 2634  
)  
Application No.: 09/730,603 ) Examiner: Curtis B. ODOM  
)  
Filed: December 7, 2000 ) Confirmation No.: 9241  
)  
For: LDPC DECODER AND METHOD )  
THEREOF ) Date: March 4, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449. Copies of non-U.S. patent documents are attached hereto.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy of the PTO-1449 be returned indicating that such information was considered.

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Customer No.: 23624

MP0065



PATENT

As a non-final Office Action has previously been issued in this application, a Fee Transmittal with a Credit Card Authorization Form is submitted concurrently herewith authorizing payment of the required \$180.00 fee.

Should the Examiner have any questions, Applicants' undersigned attorney is reachable by telephone at (202) 625-3547. The correspondence address of record is provided below.

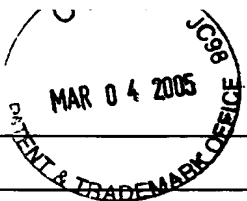
Respectfully submitted,

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FORM PTO 1449 MODIFIED U.S. PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO. MP0065		APPLICATION NO. 09/730,603			
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Zining WU					
DATE SUBMITTED TO USPTO: March 4, 2005		FILING DATE 12/07/2000		GROUP 2634			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
		6,145,114	11/07/00	CROZIER, et al.			
		4,601,044	07/15/86	KVOMER III, et al.			
		5,930,272	07/27/99	THESLING			
		5,983,385	11/09/99	KHAYRALLAH, et al.			
		6,023,783	02/08/00	DIVSALAR, et al			
		6,219,817	04/17/01	HOLMAN			
		6,438,180	08/20/02	KAVIC, et al.			
		6,715,121	03/30/04	LAURENT			
		09/901,507	07/09/01	WU, et al.			
FOREIGN PATENT DOCUMENTS							
*EXAMINER INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION OR ABSTRACT (Yes or No)
OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.)							
		Shoemake and Heegard, "Computationally Efficient Turbo Decoding with Bi-Directional Viterbi Algorithm (BIVA)". IEEE. ISIT 1997					
		L.H.C. Lee, Computation of the Right-Inverse of G(D) and the Left-Inverse of H'(D), June 21, 1990, I.E.E.E. Vol. 26, No. 13, pp. 904-906					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							